

MATHEMATICS

A Level

Course Coordinator: Miss Barton

Awarding Body: Edexcel

The Course

Mathematics is one of the best subjects to develop your analytical, research and problem-solving skills. Not only will studying maths help give you the knowledge to tackle scientific, mechanical, coding and abstract problems, it will also help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively. It is a highly desirable qualification, thought of very highly by Higher Education establishments and employers alike.

Exam

At the end of the 2-year course there are 3 externally assessed examinations.

Papers 1 & 2 are pure maths based which cover topics including; proof, functions, coordinate geometry, sequences & series, trigonometry, exponentials & logarithms, differentiation and integration, numerical methods and vectors.

Paper 3 covers the applied maths content of both statistics and mechanics.

Students will sit the As—Maths examinations at the end of year 12 too. This enables them to gain this qualification and develop their preparation and examination skills to assist them in achieving the highest grade in their year 13 exams.

Possible Destinations

In terms of what careers maths is useful for then the answer is just about everything as it develops key skills! Accounting, medicine, engineering, forensic pathology, finance, business, consultancy, teaching, IT, games development, scientific research, programming, design, construction and astrophysics to name a few...

